

# MoHAVE County Mine

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## New Town on Old Trail

### Rush For Gold Brings Town- site Boomers as well as Mine Stock Boosters

[BY W. P. DEWOLFE.]

OATMAN, ARIZ., April 23, 1915.

◆ That man is, indeed, a pes-  
◆ simist, who can look upon the  
◆ mammoth dikes of the Tom  
◆ Reed-Gold Road Mining Dis-  
◆ trict, view the great ore-body  
◆ in the United Eastern mine,  
◆ inspect the five miles of drifts  
◆ and crosscuts in the Gold  
◆ Road mine and read the pro-  
◆ duction figures of the Tom  
◆ Reed mine without being con-  
◆ vinced that this camp with its  
◆ monthly bullion output of  
◆ 160,000\$ is soon to be in the  
◆ spotlight as a mining proposi-  
◆ tion.

◆ It is near at hand—the Day  
◆ of Opportunity for this great-  
◆ est of Arizona gold mining  
◆ districts—and when it arrives  
◆ it will usher in the most con-  
◆ sistent and at the same time  
◆ most prolific investment  
◆ period the mining world has  
◆ ever witnessed.

◆ At this time the camp pre-  
◆ sents much the same appear-  
◆ ance as did Manhattan just  
◆ prior to the rush which increas-  
◆ ed population of that well  
◆ known Southern Nevada camp  
◆ from a few hundreds to more  
◆ than 5000 within sixty days.

◆ There is the same feeling  
◆ of confidence; the same certit-  
◆ tude of the approach of pros-  
◆ perity; the same tendency of  
◆ the men to gather at a com-  
◆ mon center to talk of mining,  
◆ and the same undercurrent of  
◆ expectancy here that charac-  
◆ terized the "Days before the  
◆ rush" in Manhattan.

#### THE PIONEERS.

Among those already here are men whose names are synonymous with mining success elsewhere—men whose judgment in mining matters is rarely at fault and who back their confidence in a mining proposition with their coin. These men predict a rush to the Tom Reed-Gold Road District that will place it above all others in the estimation of the public and make it from the standpoint of interest and investment the most popular camp in the country.

Mining operations are being prosecuted on an increasing scale throughout the 7 by 10-mile area of the district, and the results are so completely satisfactory capital for mine development is becoming more plentiful and easier to secure than formerly. This quickening of the local mining industry is due in part to a renewal of interest in mining in the investment centers of the United States. Primarily, though, it has origin in a number of valuable discoveries of ore made of late; chief among them being the 40-foot vein of high grade opened on the 300 and 400-foot levels in the United Eastern mine, and the shoot of high grade opened in the west drift on the 1075-foot level in the Tom Reed mine.

#### ADDITIONAL LUSTER.

Other strikes of lesser magnitude have added to the luster of this camp as a mining proposition. As a result it is the center of gold mining activity in the Southwest and is the Mecca toward which the faces of the miners and prospectors of this vast empire of the wilds are turned. They are "mushing" in

here in increasing numbers and each new arrival brings the news of others who either are on the way or who contemplate coming to this district within a few weeks.

From the Black Range property on the south to the Neglected group of the Tom Reed estate on the north—a distance of nearly 10 miles—the district is undergoing development. Within that area there is an ore production of 14,000 tons per month. Within that area the Tom Reed mine is outputting better than 100,000\$ worth of ore per month. Within that area the Gold Road mine is outputting better than 60,000\$ worth of ore per month. Within that area there are forty properties equipped with mining machinery. Within that area there are sixty stamps crushing out the gold.

Within that area there are several mills where the machinery is being overhauled preparatory to the reduction of ore. Within that area the United Eastern people are preparing to erect a mill for the reduction of the 2,000,000\$ worth of ore that is in sight on and above the 460-foot level in their mine. Within that area are located the prosperous mining settlements of Oatman and Gold Road, and within that area is being established the mining camp of Old Trails.

#### ORIGIN OF NAME.

Old Trails is the hub of the Tom Reed-Gold Road District. The auto trails to connection with the Santa Fe railroad at Needles, California, and Topock and Kingman, lead through Old Trails avenue—the main street of Old Trails. The camp derives its name from the Padre Garces trail, dating back to the 16th century, and to the emigrant trail leading westward from Santa Fe, New Mexico, and dating back to the days of bull teams and prairie schooners. Both of these trails pass over the site of Old Trails. Southern California capital, represented by V. S. Rowley of Los Angeles, and Henry D. Blakeslee, former public administrator of San Bernardino county, is invested in Old Trails.

Haff and Colwell, deputy United States mineral surveyors, formerly of Cripple Creek, Colorado, and later of Goldfield and Rawhide, Nevada, are surveying and platting Old Trails. They expect to have the work completed in time for dedicatory ceremonies on May 15th. The advent of Old Trails into the sisterhood of Arizona mining camps is to be celebrated in an appropriate manner. The program so far as outlined includes a barbecue, a miners drilling contest, field sports, a concert by the Tom Reed Mine Band and auto races over a portion of the route of the annual Los Angeles to Phoenix automobile race—it leads across the site of Old Trails.

#### BLACK RANGE PLANS.

D. P. Wright, president of the Black Range Mining Company, returned the current week from Los Angeles where he attended a directors meeting of the company, and purchased supplies and other mine equipment. The Black Range group consists of eight claims, two being patented. Mr. Wright has just bought for 12,000\$ the interest of two Los Angeles men in the latter. Passing through the property is the huge dike that constitutes the southern boundary of the Tom Reed-Gold Road district as at present defined. This dike is one of the best mineralized in the camp and is pronounced by mining men who are conversant with mineral conditions here to be one that at depth will carry large shoots of pay ore.

Development of this dike is being prosecuted through the medium of a shaft which is being sunk on the company's Golden Era claim. It has a depth of 115 feet and from the bottom a crosscut 120 feet in length has tapped the vein. A drift has been run a distance of 15 feet in the latter and is exposing a breast of ore having an average value of 10.00\$ gold per ton. Having demonstrated the presence and strike of the vein, the management will now sink to a depth of 300 feet, crosscut to the vein and drift east on it for an ore shoot. Mining operations are facilitated by means of hoisting machinery and a 60-horse power compressor.

## List Your Mines With the Arizona Chapter.

Phoenix, Ariz., April 19.—A new department has been opened by the Arizona Chapter of the American Mining Congress. It is an information department.

The officers of the Chapter hope before long to have on file reliable and up-to-date information about practically every mine and prospect within the state of Arizona. To this end they are issuing a general request to owners to send all essential information they are willing to disclose about their holdings to head office, 117 North Second Avenue, Phoenix. Upon request a blank, to be filled out and returned, will be furnished.

"Every day we receive inquiries about mining properties and about mining districts, or opportunities to invest in mines of a certain character," said Secretary John H. Robinson. "These inquiries come from all parts of the United States and even from foreign countries. Each one is answered carefully. Sometimes we have been a little slow in replying to letters of inquiry because we had first to gather the desired information from the most reliable sources available.

"Our desire is to have accurate information on file in this office about all mining properties and districts in the state. Then when we receive an inquiry we can reply without any delay whatever, giving out the information exactly as furnished to us, and in all cases, of course, stating its source. Our conviction is that this will do a great deal to stimulate mining in Arizona because it will aid the prospective investor in obtaining data regarding available properties and will enable the owner to get in touch with the man who has money to invest. The intention of the Chapter is not to act as a broker in any sense of the word but merely to be a friendly medium in bringing investor and owner together, to their mutual profit. Already several important deals have been consummated that are directly traceable to the work of the Chapter.

"It is not only in regard to mines that we receive inquiries. The Chapter has been called upon to answer questions about many other industries in Arizona and has done so with the greatest of cheerfulness, for the aim of the organization is to advance the interests of Arizona in every way possible. This office is glad to receive, file and disseminate information regarding any industry that is carried on, or can be carried on, within the state."

The membership roll of the Arizona Chapter shows a steady and satisfactory increase. At present there are over 400 members in good standing and more are joining daily. Local sections have been organized in Globe and Tucson and both are in flourishing condition.

Highly encouraging news of the general condition of the mining indus-

try throughout the state is being received at the Chapter headquarters. Zinc and copper are soaring in price and many mining men expect the red metal to go twenty cents a pound shortly. Copper mines that have been wholly or partially shut down since last fall are resuming on their former basis. The strong demand for gold mines, which became so noticeable in the course of the winter, continues.

## Determining Tin Ore.

A correspondent asks for a rapid and accurate method of determining the amount of tin in ore or gravel. The dry assay of tin ore is only to be recommended for work purposes, mines, or prospectors. It is not accurate enough for buying and selling, but should suffice to give a good idea of the value of the material in the district where our correspondent is situated. The cyanide assay is one of the most general applicability, and is as follows: grind the ore through a fine screen, say 80 mesh, and weigh out 10 grams. Also weigh 40 grams of coarsely-powdered commercial cyanide. Mix half with the ore, place in a clay crucible, and cover with the remainder. Fuse the mixture at a red heat for 15 to 25 minutes, pour into a mold, and detach the tin button from the slag. The weight of the button X10 represents the per cent of metal in the ore, when 10 grams is taken. The crucible may also be taken out of the fire when fusion is complete, allowed to cool, broken, and the tin detached. When the ore contains much ferric oxide, it should be digested with strong hydrochloric acid, provided the tin is present as cassiterite (tin oxide), and if much is present it should be evaporated to dryness with nitrate acid, before extraction with hydrochloric acid. The cleaned sample is then washed with water, dried, and assayed. The sample should, of course, be weighed before treatment with acid. The cyanide used must be free from sulphates and sulphides, otherwise the result will be loss. The assay charge should be as free from gangue as possible, otherwise there will be loss by slagging. This may be prevented by taking a larger sample and panning it down before assaying.—M. & S. Press.

## Electricity From the Skies.

Very little more is known of atmospheric electricity than Franklin discovered in Philadelphia in June, 1752, when he proved that the electricity of the air and the electricity of the laboratory are one and the same. Various devices have been made for measuring the force of the current in the hope that it would assist in forecasting the weather, but the magnetic envelope that apparently surrounds the globe and wraps it with a network of currents is still a baffling mystery. The report, therefore, from Madrid that a Spanish physicist has succeeded in reaching out into the air with special apparatus and bringing back electricity

enough to light fifteen lamps and keep them lighted during a prolonged test, is of the highest importance if true.

## Silver and Lead Strike.

A Deming, N. M. dispatch says:—A big silver and lead strike is reported to have been made recently by J. W. Weitman in the Tres Hermanas mountains. The ore runs 25\$ a ton with a preponderance of silver. A stock company composed of H. G. Bush, George E. Coxe, D. S. Robbins, W. E. Holt and others not named, has been formed to work the property.

## Finest Dates Grow There.

Beyond the land of the Berbers, in the far south of Morocco, lies the great oasis of Taflet, famous for its vast groves of date-palms. Here, for hundreds of square miles, the land is covered with thick growth of the tall, straight stems of the palm, and the product of these close-growing trees is enormous in quantity. They produce the finest dates in the world.

## Gold Strike in Grant County.

A Silver City, N. M. dispatch says:—According to George H. Utter, the gold strike reported recently in the Copper Basin district was made about one and a half miles from property he owns in the Steeplecock district. The strike is a rich one and has occasioned considerable excitement among prospectors in that part of Grant county.

## The Real Thing.

An aim in life is the only fortune worth the finding, says Stevenson; and it is not to be found in foreign lands, but in the heart itself.

In looking over the mining work in this district for the past week there is nothing but good to report. The work in all directions has been seven days of advancement toward that end to which the people of the district are looking forward to in a most eager manner—the increasing of the working force. Work on the mill is being pushed in a most energetic manner and development work at the Oregon, Lucky Cuss, West Side, Northwest, Telephone and Tranquility mines of the Phelps-Dodge people continue in a most satisfactory manner.—Tombstone Prospector.

A. L. Pellegrin, a mineralogist and assayer, of Tucson, accompanied by Mr. Mott, a practical mining man, were in town Wednesday on business. Mr. Pellegrin is the man who rediscovered values in the old Yuma mine, near Tucson, and whose investigations induced Colonel Randolph of the Southern Pacific, and associates to bond the property and push development. The ore carries values in gold, molybdenum and vanadium.—Signal.

Mrs. B. F. Grantham, of Goldroad, is visiting with her brother, M. G. Wagner, in Kingman.



## Dr. Price's CREAM BAKING POWDER

Cream of Tartar, the chief ingredient of Dr. Price's Cream Baking Powder, is a product of ripe grapes. It is pure and healthful beyond question.

Alum, the chief ingredient of many of the substitutes offered in place of Dr. Price's Cream Baking Powder, is a mineral acid, which has been disapproved by physicians and chemists for use in the preparation of food.